



NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
2. THIS IS A UHV PART. ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY

3	DRAWING BROUGHT UP TO DATE	M.J.M.	
2	(2) .500 (12.70) WAS 1.000 (25.40)	M.J.M.	
1	DRAWING BROUGHT UP TO DATE	M.J.M.	
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ITEM	DESCRIPTION	NON-INSULATING OR DESCRIPTION	MATERIAL SPEC.	REV.
A17742A3				
ARGONNE NATIONAL LABORATORY				
ADVANCED PHOTON SOURCE				
M1 APS I.D. FRONT END				
1-ST FIXED MASK				
(FOR INDICATOR)				
SEE PARTS LIST				
E 1:1				
P4102010101-310001-03				